

IN THE CLAIMS

1. (Previously Presented) A method comprising:
 - creating a multimedia annotation for a paper document, the multimedia annotation representing at least one of an audio sound and a video clip; and
 - creating a first multimedia document by combining the paper document and the multimedia annotation, such that the multimedia annotation can be extracted and decoded subsequently from the first multimedia document and played via a multimedia player, wherein the first multimedia document is generated as a part of reproducing the paper document via a document reproduction system.
2. (Original) The method of claim 1, wherein the multimedia annotation is represented as a first bar code printed on the multimedia document.
3. (Original) The method of claim 2, wherein the first bar code encodes an audio sound.
4. (Previously Presented) The method of claim 1, wherein a location indicator associated with the multimedia annotation is placed on the first multimedia document, wherein the location indicator indicates where the multimedia annotation can be retrieved and played.
5. (Previously Presented) The method of claim 4, wherein the location indicator comprises a first Uniform Resource Locator (URL), and a second bar code, wherein the first

URL is indicated in plain text, and wherein the second bar code represents the first URL in an encrypted form.

6. (Canceled)

7. (Previously Presented) The method of claim 1, wherein the first multimedia document is a paper document, wherein the multimedia annotation printed on the first multimedia document is capable of being extracted by scanning and decoding the printed annotation of the paper document, and wherein the extracted multimedia annotation can be played via a multimedia player.

8. (Previously Presented) The method of claim 1, further comprising:
generating an image of the paper document, the image of the paper document being unconsciously captured during the reproduction of the paper document without user intervention;
creating a second multimedia document by combining the image of the paper document and the multimedia annotation, wherein the multimedia annotation is captured via an input device of the document reproduction system while the paper document is being reproduced via the document reproduction system; and storing the image of the paper document and the multimedia annotation in a storage.

9. (Previously Presented) The method of claim 8, wherein the second multimedia document is represented as a second Uniform Resource Locator (URL) printed on the first

multimedia document, and wherein the image of the paper document and the multimedia annotation is accessed with the second URL.

10. (Original) The method of claim 9, wherein a third bar code is used to represent the second URL.

11. (Previously Presented) The method of claim 8, further comprising automatically sending the second multimedia document to a recipient by electronic mail as a part of reproducing the paper document via the document reproduction system, wherein the recipient is specified by a user via an interface of the document reproduction system when the user reproduces the paper document using the document reproduction system.

12. (Original) The method of claim 11, wherein the recipient receives the image of the paper document and the multimedia annotation in the form of Multi-purpose Internet Mail Extension (MIME).

13. (Previously Presented) A machine-readable medium providing instructions, which when executed by a set of one or more processors, cause said set of processors to perform the following:

creating a multimedia annotation for a paper document, the multimedia annotation representing at least one of an audio sound and a video clip; and
creating a first multimedia document by combining the paper document and the multimedia annotation, such that the multimedia annotation can be extracted and decoded subsequently from the first multimedia document and played via a

multimedia player, wherein the first multimedia document is generated as a part of reproducing the paper document via a document reproduction system.

14. (Original) The machine-readable medium of claim 13, wherein the multimedia annotation is represented as a first bar code printed on the multimedia document.

15. (Original) The machine-readable medium of claim 14, wherein the first bar code encodes an audio sound.

16. (Previously Presented) The machine-readable medium of claim 13, wherein a location indicator associated with the multimedia annotation is placed on the first multimedia document, wherein the location indicator indicates where the multimedia annotation can be retrieved and played.

17. (Previously Presented) The machine-readable medium of claim 16, wherein the location indicator comprises a first Uniform Resource Locator (URL), and a second bar code, wherein the first URL is indicated in plain text, and wherein the second bar code represents the first URL in an encrypted form.

18. (Canceled)

19. (Previously Presented) The machine-readable medium of claim 13, wherein the first multimedia document is a paper document, wherein the multimedia annotation printed on the first multimedia document is capable of being extracted by scanning and decoding the printed

annotation of the paper document, and wherein the extracted multimedia annotation can be played via a multimedia player.

20. (Previously Presented) The machine-readable medium of claim 13, further comprising:

generating an image of the paper document, the image of the paper document being unconsciously captured during the reproduction of the paper document without user intervention;

creating a second multimedia document by combining the image of the paper document and the multimedia annotation, wherein the multimedia annotation is captured via an input device of the document reproduction system while the paper document is being reproduced via the document reproduction system;

and

storing the image of the paper document and the multimedia annotation in a storage.

21. (Previously Presented) The machine-readable medium of claim 20, wherein the second multimedia document is represented as a second Uniform Resource Locator (URL) printed on the first multimedia document, and wherein the image of the paper document and the multimedia annotation is accessed with the second URL.

22. (Original) The machine-readable medium of claim 21, wherein a third bar code is used to represent the second URL.

23. (Previously Presented) The machine-readable medium of claim 20, further comprising automatically sending the second multimedia document to a recipient by electronic mail as a part of reproducing the paper document via the document reproduction system, wherein the recipient is specified by a user via an interface of the document reproduction system when the user reproduces the paper document using the document reproduction system.

24. (Original) The machine-readable medium of claim 23, wherein the recipient receives the image of the paper document and the multimedia annotation in the form of Multi-purpose Internet Mail Extension (MIME).

25. (Previously Presented) A computer system, comprising:

a bus;

a data storage device coupled to the bus; and

a processor coupled to the data storage device, the processor operable to receive instructions which, when executed by the processor, cause the processor to perform a method comprising

creating a multimedia annotation for a paper document, the multimedia annotation representing at least one of an audio sound and a video clip;

and

creating a first multimedia document by combining the paper document and the multimedia annotation, such that the multimedia annotation can be extracted and decoded subsequently from the first multimedia document and played via a multimedia player, wherein the first

multimedia document is generated as a part of reproducing the paper document via a document reproduction system.

26. (Previously Presented) The computer system of claim 25, wherein the multimedia annotation is represented as a first bar code printed on the multimedia document.

27. (Original) The computer system of claim 26, wherein the first bar code encodes an audio sound.

28. (Previously Presented) The computer system of claim 25, wherein a location indicator associated with the multimedia annotation is placed on the first multimedia document, wherein the location indicator indicates where the multimedia annotation can be retrieved and played.

29. (Previously Presented) The computer system of claim 28, wherein the address comprises a first Uniform Resource Locator (URL), and a second bar code, wherein the first URL is indicated in plain text, and wherein the second bar code represents the first URL in an encrypted form.

30. (Canceled)

31. (Previously Presented) The computer system of claim 25, wherein the first multimedia document is a paper document, wherein the multimedia annotation printed on the first multimedia document is capable of being extracted by scanning and decoding the printed

annotation of the paper document, and wherein the extracted multimedia annotation can be played via a multimedia player.

32. (Previously Presented) The computer system of claim 25, further comprising:

generating an image of the paper document, the image of the paper document being unconsciously captured during the reproduction of the paper document without user intervention;

creating a second multimedia document by combining the image of the paper document and the multimedia annotation, wherein the multimedia annotation is captured via an input device of the document reproduction system while the paper document is being reproduced via the document reproduction system;

and

storing the image of the paper document and the multimedia annotation in a storage.

33. (Previously Presented) The computer system of claim 32, wherein the second multimedia document is represented as a second Uniform Resource Locator (URL) on the first multimedia document, and wherein the image of the paper document and the multimedia annotation is accessed with the second URL.

34. (Original) The computer system of claim 33, wherein a third bar code is used to represent the second URL.

35. (Previously Presented) The computer system of claim 32, further comprising automatically sending the second multimedia document to a recipient by electronic mail as a

part of reproducing the paper document via the document reproduction system, wherein the recipient is specified by a user via an interface of the document reproduction system when the user reproduces the paper document using the document reproduction system.

36. (Original) The computer system of claim 35, wherein the recipient receives the image of the paper document and the multimedia annotation in the form of Multi-purpose Internet Mail Extension (MIME).

37. (Previously Presented) A method comprising:
creating a paper document to be used with a multimedia annotation;
creating the multimedia annotation, the multimedia annotation representing at least one of an audio sound and a video clip;
storing an image of the paper document and the multimedia annotation; and
creating a multimedia document by combining the paper document and the multimedia annotation, such that the multimedia annotation can be extracted and decoded subsequently from the first multimedia document and played via a multimedia player, wherein the storing and the combining are performed as a part of reproducing the paper document via a document reproduction system without user intervention.

38. (Previously Presented) The method of claim 37, wherein combining the document and the multimedia annotation comprises:
creating a paper multimedia document by associating the multimedia annotation with the paper document; and

creating an electronic multimedia document by associating the multimedia annotation with the image of the paper document, wherein the image of the paper document is captured while the paper document is being reproduced using the document reproduction system.

39. (Previously Presented) The method of claim 38, wherein the multimedia annotation associated with the paper multimedia document is represented as a first bar code printed on the paper multimedia document, wherein the first bar code encodes an audio sound, wherein the first bar code printed on the paper multimedia document is capable of being extracted by scanning and decoding the first bar code printed on the paper multimedia document, and wherein the extracted first bar code can be played via a multimedia player.
40. (Original) The method of claim 38, wherein a location indicator of the multimedia annotation associated with the paper multimedia annotation is placed on the paper multimedia document, wherein the location indicator indicates where the multimedia annotation can be retrieved and played.
41. (Original) The method of claim 40, wherein the location indicator comprises a Uniform Resource Locator (URL), and a second bar code, wherein the URL is indicated in plain text, and wherein the second bar code represents the URL.
42. (Canceled)

43. (Previously Presented) The method of claim 38, further comprising automatically sending the electronic multimedia document to a recipient as a part of reproducing the paper document via the document reproduction system, wherein the recipient receives the electronic multimedia document in the form of an attachment to an electronic mail, wherein the recipient is specified by a user via an interface of the document reproduction system when the user reproduces the paper document using the document reproduction system.

44. (Previously Presented) The method of claim 3, wherein the multimedia document is a physical document having the first bar code printed thereon, wherein the audio sound can be extracted from the multimedia document by scanning and decoded the first bar code, and wherein the extracted audio sound is capable of being played via an audio player.

45. (Previously Presented) The method of claim 8, further comprising capturing an audio sound of the multimedia annotation from a user using a microphone of the input device when the user reproduces the paper document using the document reproduction system.

46. (Previously Presented) The method of claim 45, wherein the microphone is automatically activated when the user selects a reproduction function of the document reproduction system to reproduce the paper document.

47. (Previously Presented) The method of claim 8, further comprising capturing a video clip of the multimedia annotation from a user using a video camera of the input device when the user reproduces the paper document using the document reproduction system.

48. (Previously Presented) The method of claim 47, wherein the video camera is automatically activated when the user selects a reproduction function of the document reproduction system to reproduce the paper document.

49. (Previously Presented) The method of claim 8, further comprising, in response to a request to retrieve the second multimedia document, performing a content-based search for the requested multimedia document within the storage based on content of the multimedia annotation associated with the requested multimedia document.

50. (Previously Presented) The method of claim 49, wherein the content-based search is performed via an optical character recognition (OCR) process on the multimedia annotation of the multimedia documents being searched.

51. (Previously Presented) The method of claim 49, wherein the content-based search is performed via a speech recognition mechanism on an audio sound of the multimedia annotation of the multimedia documents being searched.

52. (Previously Presented) The method of claim 49, wherein the content-based search is performed on a video clip of the multimedia annotation based on an image of the user using face recognition techniques.